

Claim Amendment under 37 C.F.R. §1.121

1. (Currently amended) A fuel additive composition comprising 8 to 40 parts by weight of hydrogen peroxide, 8 to 40 parts by weight of an amine-based stabilizer, 10 to 40 parts by weight of borax, 16 to 40 parts by weight of sodium hydroxide, and water, wherein the fuel additive composition is configured to facilitate combustion, increase thermal efficiency, reduce smoke generation, exclude soot and clinker from a furnace, and control flame, in an internal combustion engine or furnace.
2. (Original) The fuel additive composition of claim 1, in which said amine-based stabilizer is one or more compounds selected from the group consisting of dimethanolamine, diethanolamine, trimethanolamine, and triethylamine.
3. (Original) The fuel additive composition of claim 1, in which said borax is dissolved in an aqueous sodium hydroxide solution.
4. (Currently amended) The fuel additive composition of claim 1, which is prepared by dispersing in the water.
5. (Currently amended) The fuel additive composition of claim 4, in which the proportion of the fuel additive composition and the water ranges from 1:2 to 1:50 by weight.
6. (Original) The fuel additive composition of claim 1, which further comprises one or more catalysts selected from the group consisting of potassium carbonate, calcium carbonate, and sodium carbonate.
7. (Original) The fuel additive composition of claim 6, in which the proportion of the fuel additive composition and the catalyst ranges from 1:0.03 to 1:0.3 by weight.
8. (Original) The fuel additive composition of claim 1, which further comprises methyl alcohol or a surfactant.

9. (Original) The fuel additive composition of claim 8, in which the proportion of the fuel additive composition and methyl alcohol or the surfactant ranges from 1:1 to 1:3 by weight.

10. (Original) A method of preparing a fuel additive composition comprising the steps of mixing 16 to 40 parts by weight of sodium hydroxide with an aqueous solution in which 10 to 40 parts by weight of borax have been dissolved; adding 8 to 40 parts by weight of an amine-based stabilizer to the resultant mixture; and adding 8 to 40 parts by weight of hydrogen peroxide to the resultant mixture.

11. (Original) The method of preparing a fuel additive composition according to claim 10, in which the mixing of water, borax, and sodium hydroxide is performed at a temperature ranging from 50 to 95 °C.

12. (Original) The fuel additive composition of claim 1 in which the fuel additive composition is used for a scaling inhibitor for a combustion apparatus.

13. (Original) The fuel additive composition of claim 1 in which the fuel additive composition of claim 1 is used for a corrosion inhibitor for a combustion apparatus.

14. (Original) The fuel additive composition of claim 1 in which the fuel additive composition is used for a soot generation inhibitor for a combustion apparatus.

15. (Original) The fuel additive composition of claim 1 in which the fuel additive composition is used for a clinker remover for a combustion apparatus.

16. (Original) The fuel additive composition of claim 1 in which the fuel additive composition is used for a sludge remover for a combustion apparatus.

17. (Original) The fuel additive composition of claim 1 in which the fuel additive composition is used for a flame controller for a combustion apparatus.

18. (Currently amended) A fuel composition comprising:

~~a [[The]] fuel additive composition of claim 1 in which the fuel additive composition is a fuel composition; and~~

a fuel.

19. (Currently amended) The fuel composition of claim 18, which comprises 0.02 to 0.5 parts by weight of the fuel additive composition per 100 parts by weight of the fuel.

20. (Currently amended) The fuel composition of claim 19, in which the fuel is comprises a solid fuel, a liquid fuel, or a gaseous fuel.